

INTERNATIONAL SEARCH REPORT

International application No.

PCT/NZ2004/000191

A. CLASSIFICATION OF SUBJECT MATTER

Int. Cl. ⁷: A61B 10/00 G01N 1/10 B01L 11/00 C12M 1/28 C12Q 1/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

ECLA: A61B 10/00L6 B01L 11/00G2 US CLASS: 73/864, 864.59, 864.71, 864.72, 864.63 435/30, 309.1 AND KEYWORDS

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI: sample harvest collect A61B A61D G01N C12Q C12M ball rotate wheel spher cylind disc socket recess roll surface exterior absorb absorp sponge pad porous membrane chamber reservoir compartment cavit hollow resposit storage

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| A | EP 0152368 B1 (RAMOT UNIVERSITY AUTHORITY FOR APPLIED RESEARCH & INDUSTRIAL DEVELOPMENT LTD). 7 January 1988 Figures 1 to 4 | |
| A | US 4815326 A (FALK) 28 March 1989 Claim 1 | |
| A | US 4848165 A (BARTILSON et al) 18 July 1989 Figures 1 and 7 | |

☒ Further documents are listed in the continuation of Box C

☒ See patent family annex

| | |
|---|--|
| * Special categories of cited documents: | |
| "A" document defining the general state of the art which is not considered to be of particular relevance | "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention |
| "E" earlier application or patent but published on or after the international filing date | "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone |
| "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) | "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art |
| "O" document referring to an oral disclosure, use, exhibition or other means | "&" document member of the same patent family |
| "P" document published prior to the international filing date but later than the priority date claimed | |

Date of the actual completion of the international search
8 December 2004

Date of mailing of the international search report
17 DEC 2004

Name and mailing address of the ISA/AU

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| A | US 5063026 A (WONG) 5 November 1991 Figure 4 | |
| A | US 5243865 A (HSU et al) 14 September 1993 Abstract and figures | |
| A | US 5554537 A (SHARPE) 10 September 1996 Claim 1 | |
| A | US 6207406 B1 (WILKINS) 27 March 2001 Column 2 lines 30 to 65, figure 1 | |

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This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

| Patent Document Cited in Search Report | | Patent Family Member | | | |
|---|---------|----------------------|----------|----|---------|
| EP | 0152368 | IL | 70737 | US | 4687746 |
| US | 4815326 | JP | 62269066 | ZA | 8700175 |
| US | 4848165 | | | | |
| US | 5063026 | | | | |
| US | 5243865 | | | | |
| US | 5554537 | AU | 76161/96 | CA | 2211451 |
| | | | | WO | 9720030 |
| US | 6207406 | | | | |

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

END OF ANNEX